

ELVIS.1.3.IP.1

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**Installation Procedures for the
Enhanced Linked Virtual Information System (ELVIS)
and the Web Status of Forces (WEBSOF)**

Version 1.3

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1. SCOPE

The purpose of this document is to provide instructions for installing the Enhanced Linked Virtual Information System (ELVIS) Version 1.3 and the Web Status of Forces (WEBSOF) Version 1.3 on the following hardware platforms: Hewlett Packard (HP) Tactical Advanced Computer, versions 3 and 4 (TAC-3 and TAC-4) and SUN SparcStations 5 and 20. This document is divided into the following sections:

€ Section 2, INSTALLATION PREPARATION

€ Section 3, INSTALLING ELVIS 1.3

€ Section 4, INSTALLING WEBSOF 1.3.

ELVIS is designed to provide access to Global Command and Control System (GCCS) tactical data using any web browser compatible with the Netscape extensions to HyperText Markup Language (HTML). WEBSOF is a background process designed to generate HTML documents from the GCCS/JMCIS ORACLE database for delivery by ELVIS to a browser. ELVIS and WEBSOF have passed the Defense Information Systems Agency (DISA) integration and Common Operating Environment (COE) compliance testing to become part of the GCCS baseline.

2. INSTALLATION PREPARATION

Although the ELVIS and WEBSOF segments do not require special procedures before installation, it is generally a good idea to back up important data related to these segments (assuming this is not a first-time installation). For example, WEBSOF version 1.3 overwrites the WEBSOF status and error logs, namely */h/WEBSOF/data/status.log* and */h/WEBSOF/data/run.log*.

3. INSTALLING ELVIS 1.3

ELVIS installs according to the normal procedures for a segment. Follow the instructions below to install the ELVIS. At the beginning of the installation, a window appears, which provides status/error information pertinent to the de-installation; the user must press [RETURN] to continue. When the installation is complete, another window appears with additional status/error information. The Uniform Resource Locator (URL) appears in the window, which consists of the host name and service number (typically 9000). If Domain Name Server (DNS) is not running on the host, then the URL may contain the text string *@domainname*, which should be replaced with the site's domain name. The URL must be provided to each prospective user. Once the URL is noted, the installer must press [RETURN] to continue.

STEP 1: Type `sysadmin` and press [RETURN] at the "GCCS Workstation Console Login:" prompt.

- STEP 2: Type the sysadmin password at the “Password:” prompt and press [RETURN] .
- STEP 3: Agree to the provisions set forth in the “Consent to Monitoring” screen by pressing [RETURN] . The SYSTEM ADMINISTRATOR screen appears.
- STEP 4: Insert the tape containing the GCCS COE into the DAT drive and wait until the control panel LEDs stop blinking.
- STEP 5: Select Segment Installer from the Software pull-down menu. The Segment Installer window appears.
- STEP 6: Click on the Read TOC button. The items that appear in the Table of Contents portion of the Segment Installer window are the names of software segments contained on the tape.
- STEP 7: Select **Linked Virtual Information System 1.3** from the list so that it is highlighted and click on the Install button.
- A window appears with an hourglass indicating that the system is busy installing the selected segment(s).
- STEP 8: Acknowledge this warning by pressing [RETURN] or by clicking the OK button. A window appears stating the installation was successful and prompts the user to press [RETURN] to continue.

<p>IMPORTANT: This window will state the address and port needed to access ELVIS. These parameters should be recorded before pressing [RETURN] .</p>

- STEP 9: Press [RETURN] to continue. When the segment has completed installation, the warning “Selected segment(s) installed successfully” appears.
- STEP 10: Click the OK button to acknowledge the warning.

4. INSTALLING WEBSOF 1.3

WEBSOF installs according to the normal procedures for a segment. Follow the instructions below to install WEBSOF.

During installation, a window appears, which provides status/error information pertinent to the de-installation. When the installation is complete, another window appears with additional status/error information. An entry to the crontab file is made for WEBSOF to run every 6 hours; the system administrator may change this, as required. The installer must press [RETURN] to continue.

During installation, all HTML documents generated by the previous execution of WEBSOF (according to the crontab setting) will be removed. WEBSOF should be run manually following installation to produce the desired HTML files (as opposed to waiting for the next cron cycle). This

is accomplished by running *WEBSOF.csh*, which is located in the *progs* directory for the segment (see the *WEBSOF System Administrator's Guide* for more information).

If ELVIS/WEBSOF will be installed on multiple hosts on a LAN, then WEBSOF only needs to be installed on a single host and the */h/LVIS/data/pub/NSOF* directory needs to be exported to the other ELVIS servers.

5. CONFIGURING NETSCAPE

For best results, Netscape Navigator should be configured with a large RAM cache (3000KB or larger) and no hard disk cache. The color map should be set to "closest color in the color cube" instead of "dither." In order to provide more screen real estate, it may be worthwhile to remove the "location" and "directory" buttons, remove the pictures from the Netscape toolbar, and reduce the text size (use the **Options** -> **Preferences** menu).